

IN THE CLAIMS

Please replace the presently pending claims with the following amended claims:

1. (Currently Amended) ~~Radiocommunications~~ A radiocommunications device capable of operating on at least two transmission frequency bands and at least two reception frequency bands, ~~including the device comprising:~~

first means for implementing communications according to a first predetermined standard, and

~~characterised in that it includes~~ second means for implementing communications according to a second predetermined standard, at least partially using at least one of said frequency bands.

2. (Currently Amended) ~~Radiocommunications~~ The radiocommunications device according to claim 1, ~~characterised in that~~wherein said second communications implementation means use the same frequency band for transmission and reception.

3. (Currently Amended) ~~Radiocommunications~~ The radiocommunications device according to claim 2, ~~characterised in that~~wherein said same frequency band used for transmission and reception is chosen so as to include a portion in which said device is capable of transmitting according to said first standard and a portion in which it is capable of receiving according to said first standard.

4. (Currently Amended) ~~Radiocommunications~~ The radiocommunications device according to ~~any one of claims 1 to 3, characterised in that~~claim 1 wherein said first and second communications implementation means ~~share~~comprise at least some of ~~their~~shared processing means.

5. (Currently Amended) ~~Radiocommunications~~ The radiocommunications device according to claim 4, ~~characterised in that~~wherein said shared processing means belong to the group including:

- digital processing means;
- filtering means;
- amplification means; and
- modulation and/or demodulation means.

6. (Currently Amended) ~~Radiocommunications~~ The radiocommunications device according to ~~either one of claims 4 or 5, characterised in that~~claim 4, wherein, said shared processing means include digital processing means and storage means, containing data for command and control of said digital processing means, according to said first standard and according to said second standard.

7. (Currently Amended) ~~Radiocommunications~~ The radiocommunications device according to claim 6, ~~characterised in that~~wherein said command and control data for said second standard ~~provide the implementation of~~ implement digital communications.

8. (Currently Amended) ~~Radiocommunications~~ The radiocommunications device according to claim 6, ~~characterised in that~~wherein said command and control data for said second standard ~~provide a simulation of~~ simulate analog communications.

9. (Currently Amended) ~~Radiocommunications~~ The radiocommunications device according to ~~any one of claims 1 to 8, characterised in that~~claim 1, wherein said first predetermined standard belongs to the group including GSM, GPRS and UMTS.

10. (Currently Amended) ~~Radiocommunications~~ The radiocommunications device according to ~~any one of claims 1 to 9, characterised in that~~claim 1, wherein said second standard belongs to the group including a walkie-talkie-type technique or the “Bluetooth” standard.

11. (Currently Amended) ~~Radiocommunications~~ The radiocommunications device according to ~~any one of claims 1 to 10, characterised in that~~claim 1, wherein said transmission frequency bands are 825-849 MHz and 880-915 MHz, and ~~in that~~ said reception frequency bands are 869-894 MHz and 925-960 MHz.

12. (Currently Amended) ~~Radiocommunications~~ The radiocommunications device according to claim 11, ~~characterised in that~~wherein the frequency band used by said second communications implementation means is 868-870 MHz, for transmission and reception.

13. (Currently Amended) ~~Radiocommunications~~ The radiocommunications device according to claim 11, ~~characterised in that~~wherein the frequency band used by said second communications implementation means is 9902-928 MHz, for transmission and reception.

14. (Currently Amended) ~~Radiocommunications~~ The radiocommunications device according to ~~any one of claims 1 to 13, characterised in that~~claim 1, wherein it includes user-system interface elements specific to the implementation of communications according to said second standard.

15. (New) A radiocommunications device comprising:

- at least two transmission frequency bands;

- at least two reception frequency bands;

- a single antenna; and

- a shared digital processor, which implements communications through the single antenna according to a first predetermined standard and implements communications through the single antenna according to a second predetermined standard, at least partially using at least one of said frequency bands.

16. (New) The radiocommunications device of claim 15, wherein the shared digital processor uses the same frequency band for transmission and reception to implement communications according to the second predetermined standard, and wherein the same frequency band is chosen so as to include a portion in which the device is capable of transmitting according to the first standard and a portion in which the device is capable of receiving according to the first standard.

17. (New) The radiocommunications device of claim 15 and further comprising:

- a storage device containing data for command and control data of the digital processor, according to the first standard and according to the second standard.

18. (New) The radiocommunications device according to claim 17, wherein the command and control data for said second standard implement digital communications.

19. (New) The radiocommunications device according to claim 17, wherein the command and control data for the second standard simulate analog communications.